Index of Claims

| Application/Control No. |
|-------------------------|
|-------------------------|

10/849,348

Examiner

Wai-Sing Louie

Applicant(s)/Patent under Reexamination

BURGENER ET AL.

Art Unit

2814

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N ı Interference

**Appeal** Α 0 Objected

|              |  |            |  |          |  |  | •        |                    |  |                 |
|--------------|--|------------|--|----------|--|--|----------|--------------------|--|-----------------|
| Cla          | Date                                   |            |  |          |  |  |          |                    |  |                 |
|              |  |            |  |          |  |  |          |                    |  |                 |
| <del>-</del> | Original                               | 5/21/06    |  |          |  |  |          |                    |  |                 |
| Final        | rīgi                                   | 2          |  |          |  |  |          |                    |  |                 |
| · ·          | Õ                                      | Ŋ          |  |          |  |  |          |                    |  |                 |
|              | 1                                      | 1          |  |          | $\vdash$   | H  | _        | -                  | -  |                 |
|              | 2                                      | V          |  |          | _  |  | -        |                    | -  |                 |
|              | 2                                      |            |  | H        | -  | $\vdash$   | _        | -                  | -  |                 |
|              | 3                                      | -          | <u> </u>   | <u> </u> | -  |  | _        | _                  | -  | -               |
|              | 1<br>2<br>3<br>4<br>5                  | L          | <u> </u>   | -        | _  | _  |          |                    | -  | -               |
|              | 5                                      | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>   | _  | $\vdash$ | $\vdash$           | -  | $\blacksquare$  |
|              | 6                                      | <u> </u>   | _  | <u> </u> | ļ  | -  |          |                    | _  | _               |
|              | 7                                      |            | ļ  |          | _  |  |          |                    |  |                 |
|              | 8                                      | L          |  |          | ļ  |  |          |                    |  |                 |
|              | 9                                      | L          | <u> </u>   |          |  | _  | _        |                    |  | Ш               |
|              | 10                                     |            |  |          |  | L  |          | _                  |  | Щ               |
| <u> </u>     | 11                                     |            | ļ  |          |  |  |          |                    |  | Щ               |
|              | 12                                     | 匚          | L  | <u> </u> |  |  |          |                    |  |                 |
|              | 13                                     | $\Box$     |  |          |  |  | _        |                    |  |                 |
|              | 14                                     |            |  |          |  |  |          |                    |  |                 |
|              | 15                                     |            |  |          |  | L  |          |                    |  |                 |
|              | 16                                     |            |  |          |  |  |          |                    |  |                 |
|              | 10<br>11<br>12<br>13<br>14<br>15<br>16 | Π          |  |          |  |  |          |                    |  |                 |
|              | 18                                     |            |  |          |  |  |          |                    |  |                 |
|              | 18<br>19                               |            |  | Г        |  |  | Г        | _                  |  |                 |
|              | 20                                     |            |  |          |  |  |          |                    |  | П               |
|              | 21                                     |            |  |          | -  | -  |          |                    |  |                 |
| $\vdash$     | 21<br>22                               | -          |  |          | H  | _  | $\vdash$ | $\vdash$           |  | $\dashv$        |
| <del> </del> | 23                                     |            |  | -        | $\vdash$   |  | $\vdash$ | -                  | _  |                 |
| -            | 23<br>24<br>25                         |            | -  |          |  |  | $\vdash$ | $\vdash$           |  | Н               |
| <u> </u>     | 25                                     |            |  |          | -  | ⊢  | $\vdash$ | <u> </u>           |  | $\vdash \dashv$ |
|              | 25                                     | -          | ├—   |          |  | -  |          | -                  |  | Н               |
|              | 26<br>27<br>28                         | -          | -  |          |  |  |          |                    |  | $\vdash$        |
|              | 27                                     | -          |  |          | -  |  | <u> </u> |                    |  | $\dashv$        |
|              | 20                                     | ├          |  | _        | <del> </del>                                     | ┝┈   | -        |                    |  | $\vdash$        |
|              | 29<br>30                               | -          | -  |          | ⊢  |  | -        |                    |  | Н               |
|              | 30                                     |            | _  |          |  | <u> </u>   |          |                    |  |                 |
|              | 31                                     |            | <u> </u>   |          |  |  |          | _                  | _  | _               |
| <u> </u>     | 32                                     | <u> </u>   |  |          | ļ  |  | <u> </u> | <b> </b>           | ļ  |                 |
| <u> </u>     | 33                                     | <u> </u>   | <u> </u>   | ļ        | <u> </u>   |  | _        | <u> </u>           |  | Щ               |
| L            | 34                                     | <u> </u>   | <u> </u>   | <u> </u> | L  | <u> </u>   |          |                    |  |                 |
| <u> </u>     | 35                                     | <u>L</u> _ | <u> </u>   |          | <u> </u>   |  | <u> </u> |                    | <u> </u>   | Ш               |
|              | 36                                     |            | L  | <u> </u> |  | <u></u>  | <u> </u> |                    | _  | Ш               |
|              | 37                                     | oxdot      | _  |          |  |  |          |                    | <u> </u>   |                 |
|              | 38                                     |            |  |          |  |  |          | $oxedsymbol{oxed}$ | _  |                 |
|              | 39                                     |            |  |          |  |  |          | L                  |  |                 |
|              | 40                                     |            |  |          |  |  |          |                    |  |                 |
|              | 41                                     |            |  |          | Г  | Γ  |          |                    |  |                 |
|              | 42                                     |            | Г  | Г        | <del></del>                                      | T  | Π        | Ι                  |  | П               |
|              | 42<br>43                               |            |  |          |  | <u> </u>   |          | Γ                  | Γ  | П               |
|              | 44                                     | 1          |  | _        | <b>†</b>   |  | Г        | Г                  |  | П               |
|              | 45                                     | Ė          | <del>                                     </del> |          | <del>                                     </del> | $\vdash$   | $\vdash$ |                    |  | H               |
|              | 46                                     | $\vdash$   | $\vdash$   |          |  | <del>                                     </del> |          | <del> </del>       | _  | Н               |
| <del></del>  | 47                                     | +-         | $\vdash$   | $\vdash$ | $\vdash$   | Ι-   | $\vdash$ | $\vdash$           | <del>                                     </del> | Н               |
| <del></del>  | 48                                     | $\vdash$   |  | $\vdash$ | -  |  | -        | -                  | -  | Н               |
| <del> </del> | 49                                     | $\vdash$   |  |          | -  | $\vdash$   |          | $\vdash$           |  | $\vdash \dashv$ |
|              |  | ├-         | -  |          | $\vdash$   | -  |          | -                  | ├-   | Н               |
| L            | 50                                     | _          |  |          |  | l  |          | Щ.                 | L_   | Щ               |

| Cla         | aim                              |              |          |                                     |                   | Date           |                | _        |          |             |
|-------------|----------------------------------|--------------|----------|-------------------------------------|-------------------|----------------|----------------|----------|----------|-------------|
|             |                                  |              |          | Γ                                   |                   |                |                |          |          | $\neg \neg$ |
| Final       | Original                         |              |          |                                     |                   |                |                |          |          |             |
| ΞĔ          | ΞĒ                               |              |          |                                     |                   |                |                |          |          |             |
| ш.          | ŏ                                |              |          |                                     |                   |                |                |          |          |             |
|             |                                  |              |          | H                                   |                   |                |                |          |          |             |
|             | 51                               | -            |          | _                                   | _                 | _              | _              | -        | _        |             |
|             | 52                               |              |          |                                     |                   |                | _              | _        |          | Ш           |
|             | 53                               |              |          |                                     |                   |                | _              | _        |          | Ш           |
|             | 51<br>52<br>53<br>54<br>55       |              |          |                                     | _                 |                |                |          |          | Ш           |
| <u> </u>    | 55                               |              |          |                                     |                   |                |                |          |          | Щ           |
| L           | 56                               |              |          |                                     |                   |                |                |          |          |             |
|             | 57                               |              |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |                   |                |                |          |          |             |
|             | 57<br>58<br>59<br>60             |              |          |                                     |                   |                |                |          |          |             |
| <u></u>     | 59                               |              |          |                                     |                   |                |                |          |          |             |
|             | 60                               |              |          |                                     |                   |                |                |          |          |             |
|             | 61                               |              |          |                                     |                   |                |                |          |          |             |
|             | 62                               |              |          |                                     |                   |                |                |          |          |             |
|             | 63                               |              |          |                                     |                   |                |                |          |          |             |
|             | 62<br>63<br>64<br>65<br>66       |              |          |                                     |                   |                |                |          |          |             |
|             | 65                               |              |          |                                     |                   |                |                |          |          |             |
|             | 66                               |              |          |                                     |                   |                |                |          |          | П           |
|             | 67<br>68<br>69                   |              | $I^-$    |                                     | <u> </u>          |                |                |          |          | П           |
|             | 68                               |              | $\vdash$ |                                     |                   | _              |                |          |          | П           |
|             | 69                               | $\vdash$     | $\vdash$ | _                                   |                   |                |                |          |          | П           |
|             | 70                               |              | $\vdash$ |                                     |                   |                |                |          | _        | П           |
| <b></b>     | 70<br>71<br>72<br>73<br>74<br>75 | $\vdash$     | $\vdash$ |                                     |                   | _              |                |          |          | Н           |
|             | 72                               | $\vdash$     | $\vdash$ |                                     |                   | -              | -              | -        | <b>.</b> | Н           |
|             | 73                               | -            | ┝        |                                     |                   |                |                |          | -        | Н           |
|             | 74                               | _            |          |                                     |                   |                |                |          |          | $\vdash$    |
| <del></del> | 75                               |              | $\vdash$ | -                                   | $\vdash$          |                | -              | -        |          | H           |
|             | 76                               |              | -        | -                                   | -                 |                |                |          |          | $\vdash$    |
|             | 76<br>77                         |              | -        |                                     |                   |                |                |          |          | -           |
| -           | 70                               |              | -        | $\vdash$                            | _                 |                |                |          | -        | Н           |
|             | 78<br>79                         | <del> </del> |          | -                                   | -                 | -              | _              |          | -        | Н           |
| -           | 79                               | ├—           | -        | $\vdash$                            | _                 |                |                |          | -        |             |
| }           | 80                               |              |          | -                                   | _                 | <u> </u>       |                |          | _        | Н           |
|             | 81<br>82                         | _            |          | ├                                   | _                 | <u> </u>       |                |          | -        | Н           |
|             | 82                               | <u> </u>     |          |                                     | <u> </u>          | _              | -              | <u> </u> | _        | Ш           |
| <u></u>     | 83                               | <u> </u>     | -        | <del> </del>                        | <u> </u>          | -              | <u> </u>       | $\vdash$ | -        | $\vdash$    |
|             | 84<br>85                         | <u> </u>     | _        | _                                   | <del> </del>      | ├              | <del> </del> — | $\vdash$ | <u> </u> | Н           |
| <u></u>     | 85                               | <u> </u>     | _        |                                     | ļ                 | <del> </del> - |                | $\vdash$ | $\vdash$ | $\vdash$    |
| <u> </u>    | 86                               | <u> </u>     | <u> </u> | <u> </u>                            | ļ                 | <u> </u>       | ļ              | <u> </u> | <u> </u> | Ш           |
| ļ           | 87                               | <u> </u>     | <u> </u> | _                                   | <u> </u>          | <u> </u>       | <u> </u>       | <u> </u> | <u> </u> | Н           |
| <u></u>     | 88                               | _            | _        | _                                   |                   | <u> </u>       | <u> </u>       | <u> </u> | _        | Ш           |
|             | 89                               | _            | <u> </u> | <u> </u>                            | <u> </u>          | <u> </u>       | <u> </u>       | <u> </u> | <u> </u> | Щ           |
|             | 90                               |              |          | <u> </u>                            | $ldsymbol{f eta}$ |                | <u> </u>       | <u> </u> | <u> </u> | Щ           |
| ļ           | 91                               | L_           | <u> </u> | _                                   | <u> </u>          | L              | <u> </u>       | <u> </u> | <u> </u> | Ш           |
|             | 92                               | L.           | <u> </u> |                                     | <u> </u>          |                | <u> </u>       |          | <u> </u> | Ш           |
| L           | 93                               |              | _        |                                     | _                 | <u> </u>       | _              |          | L.       | Ш           |
|             | 94                               |              | L.       | _                                   |                   |                | _              |          |          | Ш           |
|             | 95                               |              |          |                                     | Ĺ.                |                |                |          |          |             |
|             | 96                               |              |          |                                     | L                 |                |                | L        |          |             |
|             | 97                               |              |          |                                     |                   | l              |                |          |          |             |
|             | 98                               | Π            | Π        |                                     |                   | _              |                |          |          | $\Box$      |
|             | 99                               |              | Г        | Π                                   |                   |                | Γ              |          |          | П           |
|             | 100                              | <u> </u>     | $I^-$    |                                     |                   | <u> </u>       |                | Π        |          | П           |
|             |                                  |              |          | Щ                                   |                   |                | Ь              |          |          |             |

| Claim        |   | Date   |          |          |  |              |  |  |              |                 |
|--------------|---|--|----------|----------|--|--------------|--|--|--------------|-----------------|
|              |   |  |          |          |  |              |  |  |              |                 |
| =            | Original  |  |          |          |  |              |  |  |              |                 |
| Final        | ē   |  |          |          |  |              |  |  |              |                 |
| ш.           | ŏ   | إا   |          |          |  |              |  |  |              |                 |
|              |   |  |          |          |  |              |  |  |              |                 |
|              | 101<br>102<br>103<br>104  |  |          |          |  |              |  |  |              | -               |
|              | 102   |  |          |          |  |              |  |  |              |                 |
|              | 103   |  |          |          |  |              |  |  |              |                 |
|              | 104   |  |          |          |  |              |  |  |              |                 |
|              | 105<br>106<br>107   |  |          |          |  |              |  |  |              |                 |
|              | 106   |  |          |          |  |              |  | -  |              | $\neg$          |
|              | 107   | $\vdash$   | _        | -        | -  | $\vdash$     | _  |  |              | $\dashv$        |
|              | 107   |  |          | H        | $\vdash$   |              |  | -  |              |                 |
|              | 100   | $\vdash$   |          |          | <u> </u>   |              | _  |  |              |                 |
|              | 108<br>109<br>110   |  |          |          | <u> </u>   |              |  |  |              |                 |
|              | 110   |  |          |          | <u> </u>   |              | <u> </u>   |  |              | ш               |
|              | 1111  |  |          |          | <u> </u>   | _            | <u> </u>   | Ш  | Ш            | Ш               |
|              | 112   |  |          |          |  |              |  |  |              | Ш               |
|              | 113   |  |          |          | L  |              | L  |  |              |                 |
|              | 112<br>113<br>114<br>115  |  |          |          |  |              |  |  |              |                 |
|              | 115   |  |          |          |  |              |  |  | _            |                 |
|              | 116<br>117<br>118   | П  |          | $\vdash$ | $\vdash$   | _            | _  |  |              | Н               |
|              | 117   | -  |          |          | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   |              |                 |
|              | 110   | $\vdash$   |          |          | -  | ┢            | _  | -  |              | $\vdash$        |
|              | 110   | $\vdash$   | _        |          | -  |              |  | -  | -            | $\dashv$        |
|              | 119   | _  |          | _        | <u> </u>   | <u> </u>     |  | -  |              | $\vdash$        |
|              | 120   | _  |          |          | _  | _            |  | L  | _            | $\Box$          |
|              | 121   |  |          | <u> </u> |  | _            |  |  | _            | Ш               |
|              | 122   |  |          |          | <u></u>  | <u></u>      |  |  |              | Ш               |
|              | 123   |  |          |          |  |              | <u> </u>   |  |              | Ш               |
|              | 124   |  |          |          |  |              |  |  |              |                 |
|              | 125   |  |          |          |  |              |  | _  |              | П               |
|              | 126   |  | _        |          |  |              |  |  |              |                 |
|              | 127   |  | _        | $\vdash$ |  |              | -  | -  |              | Н               |
|              | 128   |  | _        |          |  | -            | ├  |  |              | Н               |
|              | 120   |  |          | $\vdash$ | <del> </del>                                     | -            |  |  | ┝            | $\vdash$        |
|              | 129   |  |          |          |  | _            | ┢  | $\vdash$   | $\vdash$     | $\vdash$        |
|              | 130   |  |          | <b>—</b> |  | ├—           | ⊢  | _  | <u> </u>     | $\vdash \vdash$ |
|              | 131   |  |          |          | <u> </u>   | <u> </u>     | <u> </u>   |  | _            | Ш               |
|              | 132   |  |          |          | <u> </u>   | L            |  |  |              |                 |
|              | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133 |  |          | L.       |  | L_           | L_   | <u>L</u>   | <u> </u>     | Ш               |
|              | 134   |  |          |          |  |              |  |  |              |                 |
|              | 135   |  |          |          |  | L            |  |  |              |                 |
|              | 136   |  |          |          |  |              |  |  |              |                 |
|              | 135<br>136<br>137   | Π  |          |          | Γ  | Г            |  |  |              | П               |
|              | 138   |  |          |          |  | Г            |  |  |              |                 |
| <b></b>      | 138<br>139  | H  |          | Т        | _  | <del> </del> | -  | _  |              | Н               |
| <b></b>      | 140   | _  |          | -        | <del>                                     </del> | _            | -  |  | t            | Н               |
| ┝            | 141   |  |          |          | $\vdash$   | $\vdash$     |  | $\vdash$   |              |                 |
|              | 142   | -  |          | ├        |  | -            | -  | ├─   | -            | $\vdash \vdash$ |
| <u> </u>     |   | <u> </u>   | <u> </u> | ├        |  | ├            | -  | ├  | <del> </del> | $\vdash$        |
|              | 143   | <u> </u>   | _        | <b> </b> | <b> </b>   | <b> </b>     | <u> </u>   |  | -            | Щ               |
|              | 144   | <u> </u>   |          | L.       |  | L.           | L  | <u> </u>   | _            | Щ               |
| L            | 145   |  | <u></u>  | _        | L  | L            |  |  | $\Box$       | Ш               |
|              | 146   |  |          |          |  |              | L  |  |              |                 |
|              | 147   |  | l        |          | Π  |              |  |  |              | П               |
|              | 148   | $\vdash$   |          | $\vdash$ | $\vdash$   | П            | $\vdash$   | Т  | Т            | П               |
| $\vdash$     | 149   | <del>                                     </del> | -        | 一        | <b>!</b>   | 1            |  | _  | Ι-           | $\vdash \vdash$ |
| <del> </del> | 150   | <del>                                     </del> | Η-       | $\vdash$ | $\vdash$   | $\vdash$     | <del>                                     </del> | <del>                                     </del> | $\vdash$     | Н               |
|              | 1 100   | ]  | L        | Ц        |  | L            | <u> </u>   |  | _            |                 |